Materials Method N.Y. 11.1
February 6, 1964

NEW YORK STATE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF MATERIALS

THICKNESS OF CONCRETE PAVEMENTS

Location of Cores

For all concrete pavements the transverse location of cores shall be within the middle third of a lane.

Longitudinally, cores from concrete pavements shall be spaced in each lane of pavement so as to fall at approximate intervals of 1000 feet but at least 10 feet from any expansion or contraction joints. For multiple lane concrete pavements, core locations shall be staggered as illustrated in Figure No. 2.

Rejection of Pavement & Location of Check Cores

For concrete pavement a short core is defined as one showing deficiency in pavement thickness in excess of one-half inch.

If the original core in the block is deficient in height by field measurement, a second core shall be taken approximately 15 feet from the first core. A short second core shall be cause for rejection of the block.

When the second core is acceptable, a third core shall be taken on the opposite side of the first core and 15 feet from it. Two short cores in any block shall be cause for rejection of the block. However, no more than 3 cores will be drilled in any one block.

A block shall be defined as an area of pavement one lane wide which is bounded longitudinally by adjacent expansion or contraction joints.

Upon rejection of a block, cores shall be taken from the adjacent blocks on each side of the rejected block, in the manner outlined above, until a block is located in each direction which is acceptable in depth.

Packaging Details

Concrete cores need no special packaging and are ready for shipping after being properly labeled.

Four copies of Form BR 166, Pavement Core Record must accompany all cores sent to the Bureau of Materials in Albany for testing.

NYSDOT
Library
50 Wolf Road, POD 34
Albany, New York 12232

CORING PATTERN

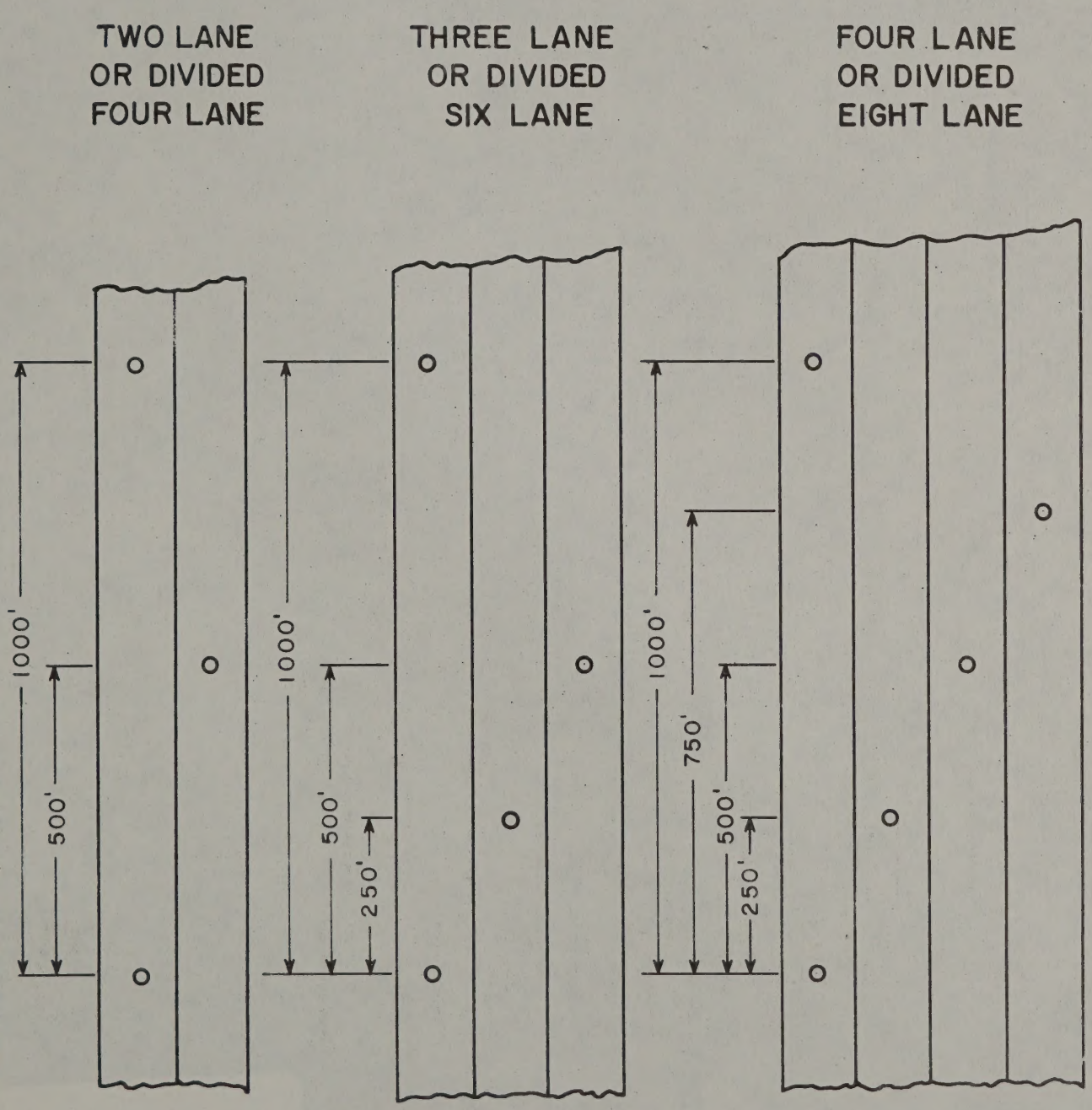

FIGURE 2

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